

MOCLIPS RIVER CED RETROFIT

FEBRUARY 1, 2005

INTRODUCTION

The Moclips River retrofit site is located along State Route (SR) 109 between milepost (MP) 31.54 and 31.56. This site is just south of the town of Moclips. SR 109 is a main transit route for local and tourist traffic.

THE CED PROBLEM

At the Moclips River Bridge, SR 109 is inundated by flooding at least once each year. These flooding events cause periodic road closures, and result in the deposition of debris both on the road and against the bridge. Moreover, woody debris accumulates on the upstream side of the bridge and rock is deposited on the downstream side, which results in restriction of the channel. This debris must be removed after the flooding to prevent further damage to the infrastructure and salmon habitat due to the restricted channel.

FISH UTILIZATION & HABITAT AVAILABILITY

The Moclips River system supports Chinook, coho, sockeye, steelhead, and bull trout. It is assumed that the Chinook within the river are strays from neighboring river systems and do not typically use the Moclips. Bull trout are currently listed as threatened under the federal Endangered Species Act.

ONGOING WORK

A Site and Reach Assessment is currently being conducted by WSDOT hydrology staff. The Integrated Streambank Protection Guidelines will be used to address the overall project objectives. It is anticipated that the outcome of the project will result in meeting the necessary requirements to protect the SR 109 infrastructure and provide environmental enhancements to

this reach of the river. WSDOT is currently seeking new funding from the Legislature to conduct this work during the 2005-2007 biennium.



Figure 1. Moclips River CED site.



Figure 2. Detail of Moclips River, SR 109 bridge piers.